Datasheet: VMA00322

Description:	MOUSE ANTI FILAMIN-A
Specificity:	FILAMIN-A
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	1273CT424.104.153
Isotype:	IgG1
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Learn about how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse
N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Mouse monoclonal antibody prepared by affinity chromatography on Protein G from ascites.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN_3).

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Purified His-tagged filamin-A
External Database Links	**UniProt:** P21333 Related reagents **Entrez Gene:** 2316 FLNA Related reagents
Synonyms	FLN, FLN1
Specificity	**Mouse anti Human filamin-A antibody** recognizes filamin-A, also known as actin binding protein 280, alpha-filamin, endothelial actin-binding protein, filamin-1 and non-muscle filamin. Filamin-A, encoded by FLNA gene, is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. This protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. Filamin-A interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in the FLNA gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for FLNA (provided by RefSeq, Mar 2009). Mouse anti Human filamin-A antibody detects a band of 280 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti filamin-A detects a band of approximately 280 kDa in HeLa cell lysates.
Storage	This product is shipped at ambient temperature. Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00322
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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Printed on 09 Jul 2025